Quin Scacheri

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EDUCATION

New York University, New York, NY   May 2020
Bachelor of Music in Music Technology, GPA: 3.64
Minors: Computer Science, Web Design

RELEVANT COURSES

Agile Software Development and DevOps, C Programming in Music Technology, Digital Signal Theory, Digital Signal Theory II, Computer Systems Organization, Data Structures, Interactive Computing, Product Design, Web Design, Web Development, Computer Music Synthesis, Game Audio, Music Theory I-IV, Aural Comprehension I-IV

EXPERIENCE

Axiotl, Tucson, AZ   July 2020 - present
Front-End Web Developer
Designing a genomics data visualization web platform using React

Eventide, Little Ferry, NJ   May 2019 - August 2019
C++ Audio Software Development Intern
Developed user interfaces for audio software plug-ins, primarily the Octavox harmonizer

Orion, New York, NY   October 2019 - present
C++ Software Developer
Developing the front-end interface for the Orion Audio beatboxing plug-in which
converts audio beatboxing to MIDI

New York University MusEDLab, New York, NY   January 2018 - May 2020
Software Developer
Designed audio plug-in versions of the MusEDLab's music education web apps Groove Pizza and aQWERTYon, as well as a custom music library for MIT's Scratch

New York University, New York, NY   September 2017 - May 2020
Recording Studio Technician
Maintained recording studios and assisted students and faculty with with use
of the recording studios

New York University, New York, NY   July 2018
Summer Institute of Music Production Technology Recording Studio Instructor
Taught high school students the concepts of music recording and production through hands-on studio use

PROJECTS

Ringo
Concept Designer and Fullstack Developer
An independent project creating a web-based programming environment similar to Max/MSP.
Ringo can be found at ringo-lang.com

Infinite
Lead React Developer
Web app that allows remote music ensemble performance by minimizing latency.

Groove Pizza Plug-In
Sole C++/JUCE Developer
Audio plug-in version of the circular sequencer web app Groove Pizza originally created by the
NYU MusEDLab

Magenta Beats Plug-In
Concept Designer and C++/JUCE Developer
An independent project creating an audio plug-in that uses Google's Magenta AI tools to
create new drum beats based on a user's input sequence

SKILLS

Computer Languages
JavaScript, TypeScript, React, HTML, CSS, Sass, C++, C, C#, Swift, Python, Java, PHP,
Max/MSP, JUCE framework, Matlab

Development Tools
Agile practices, Git, Xcode, VisualStudio, TravisCI, Docker, Bash, MongoDB, Hasura, currently
pursuing AWS Developer Certification

Software
Unity, Photoshop, Illustrator, Word, Excel, PowerPoint

Operating Systems
MacOS, Windows, Linux/Unix

Digital Audio Workstations
Pro Tools, Logic, Ableton, Reaper, Studio One, Cubase

Instruments
Guitar, Electric Bass, Erhu, Keyboard